

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5917919").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/11 06:43
S1	726261	automobile or car	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 07:18
S2	2377	S1 and (remove\$1 with noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 07:17
S3	35	S2 and 704/233.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 07:18
S4	25	(US-20040138882-\$ or US-20020087306-\$ or US-20030018471-\$ or US-20020138263-\$ or US-20030177007-\$ or US-20030040908-\$ or US-20020069054-\$ or US-20050049863-\$ or US-20030204398-\$ or US-20040260546-\$).did. or (US-5757937-\$ or US-5937379-\$ or US-6782363-\$ or US-5752226-\$ or US-5572623-\$ or US-6754623-\$ or US-6289309-\$ or US-6804640-\$ or US-6711536-\$ or US-6067513-\$ or US-5220610-\$ or US-5706394-\$ or US-5657422-\$ or US-6826528-\$). did. or (JP-06067690-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/03/03 07:10
S5	25	S4 and (automobile or car)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 07:11
S6	25	S5 and (remove\$1 with noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 07:11

S7	25	S6 and 704/233.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 06:49
S8	19	(US-20020087306-\$ or US-20030018471-\$ or US-20020138263-\$ or US-20020069054-\$).did. or (US-5757937-\$ or US-5937379-\$ or US-6782363-\$ or US-5752226-\$ or US-5572623-\$ or US-6754623-\$ or US-6289309-\$ or US-6804640-\$ or US-6711536-\$ or US-6067513-\$ or US-5220610-\$ or US-5706394-\$ or US-5657422-\$ or US-6826528-\$). did. or (JP-06067690-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2005/03/03 07:17
S9	19	S8 and (remove\$1 with noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 07:17
S10	19	S9 and (automobile or car)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 07:18
S11	19	S10 and 704/233.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 08:26
S12	6	("1210814").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 08:48
S13	0	"METHODS AND APPARATUS FOR IMPROVING ADAPTIVE FILTER PERFORMANCE BY INCLUSION OF INAUDIBLE INFORMATION"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 08:38
S14	824	rasmusson	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 08:38
S15	83	S14 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 08:38

S16	3	S15 and inaudible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 08:39
S17	29	rasmusson and jim	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 08:42
S18	1	"5978473".PN.	USPAT; USOCR	OR	ON	2005/03/03 08:40
S19	2	"20030040908"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 10:50
S20	2	("6314394").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/03 11:26
S21	276	381/94.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 11:27
S22	63	S21 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 11:28
S23	17	S21 and bin	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 11:28
S24	7	S23 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 11:54
S25	0	S24 and "adaptive canceller"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 11:54
S26	94	"adaptive canceller"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 11:58

S28	69	S26 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 11:56
S29	7	S28 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 11:56
S30	195	"adaptive canceller" or "adaptive noise canceller"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 11:58
S31	170	S30 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 11:58
S32	16	S31 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 11:58
S33	8	(US-20030103635-\$ or US-20040228213-\$).did. or (US-5117401-\$ or US-5425105-\$ or US-5388080-\$ or US-4649505-\$). did. or (EP-471290-\$).did. or (EP-471290-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/03 12:04
S34	7	S33 and "adaptive noise canceller"	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/03 12:05
S35	0	"Boll, S.F."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:41
S36	5185	Boll	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:41
S37	1056	Boll.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:41

S38	0	S37 and "S."	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:43
S39	4	"Steven Boll"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:43
S40	6	"Boll, Steven"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:48
S41	0	"noise suppression for a wireless communication device"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/03 13:50
S42	2	("20020193130").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/04 05:12
S43	3022	"gain coefficients"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 05:13
S44	14	S43 and "magnitude component"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 05:13
S45	2	S43 with "magnitude component"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 05:13
S46	2	S43 same "magnitude component"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 05:13
S47	2	S43 with "magnitude component"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 05:13

S48	14	S43 and "magnitude component"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 05:15
S49	3022	"gain coefficients"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 05:15
S50	218	S49 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 05:15
S51	3	S50 and "noise suppression"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 05:34
S52	56	(suppression with noise) and "gain coefficient"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 05:35
S53	5	(US-20050027520-\$).did. or (US-6792250-\$ or US-5406635-\$ or US-6810273-\$).did. or (WO-200137254-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2005/03/04 05:34
S55	5	S53 and (suppression with noise) and "gain coefficient"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 05:35
S56	1	"5606286".PN.	USPAT; USOCR	OR	ON	2005/03/04 05:36
S57	3	("6810273").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/04 05:50
S58	1	"5771440".PN.	USPAT; USOCR	OR	ON	2005/03/04 05:44
S59	1	"5867574".PN.	USPAT; USOCR	OR	ON	2005/03/04 05:44
S60	1	"6070137".PN.	USPAT; USOCR	OR	ON	2005/03/04 05:44
S61	1	"6282176".PN.	USPAT; USOCR	OR	ON	2005/03/04 05:44

S62	1	"6526140".PN.	USPAT; USOCR	OR	ON	2005/03/04 05:44
S63	3	("6810273").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/04 06:51
S64	94	"adaptive canceller"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 06:52
S65	7	S64 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 07:00
S67	23	"adaptive cancellation" and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 07:11
S71	229	"adaptive noise cancellation"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 09:48
S72	26	"5943429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 09:49
S73	2	("5943429").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/04 09:55
S74	2	"non-stationary noise cancellation"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 09:55
S75	1	"varying noise cancellation"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 09:55
S76	0	"varying-noise cancellation"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 09:55

S77	44	"non-stationary noise" and cancellation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 09:56
S78	7	"non-stationary noise" same cancellation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 09:56
S79	2	"non-stationary noise" with cancellation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 09:56
S80	19	("non-stationary noise" or "varying noise") same cancellation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 09:56
S81	9	("non-stationary noise" or "varying noise") with cancellation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 10:16
S82	1	"residual noise suppressor"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 10:17
S83	1471	"residual noise"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 10:17
S84	0	"residual noise" and "gain coefficient"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 10:17
S85	9	"residual noise" and "gain coefficient"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 11:29
S86	727570	car or automobile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 11:30

S87	1154	S86 and (noise with suppression)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:03
S88	294	S87 and speech	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:03
S89	68	(US-20040196984-\$ or US-20030018471-\$ or US-20020009203-\$ or US-20030033139-\$ or US-20030014248-\$ or US-20020172350-\$ or US-20030078772-\$ or US-20040064307-\$ or US-20040052384-\$ or US-20030177007-\$ or US-20020069054-\$ or US-20020156623-\$ or US-20040202336-\$ or US-20040057586-\$).did. or (US-5757937-\$ or US-5251263-\$ or US-5706395-\$ or US-6768979-\$ or US-6453291-\$ or US-5809152-\$ or US-6546099-\$ or US-6487529-\$ or US-4061875-\$ or US-4630305-\$ or US-6001131-\$ or US-5937379-\$ or US-5666429-\$ or US-5511009-\$ or US-6744882-\$ or US-6415253-\$ or US-6782363-\$ or US-5752226-\$ or US-6820053-\$ or US-6859773-\$ or US-5878389-\$ or US-6272460-\$ or US-5781883-\$ or US-6173258-\$ or US-6477489-\$ or US-5572623-\$). did. or (US-6700976-\$ or US-6230123-\$ or US-5577161-\$ or US-6289309-\$ or US-5687243-\$ or US-6144937-\$ or US-4811404-\$ or US-4628529-\$ or US-6122384-\$ or US-5544250-\$ or US-5400409-\$ or US-5432859-\$ or US-5388080-\$ or US-5355431-\$ or US-6459914-\$ or US-6804640-\$ or US-6230122-\$ or US-5617505-\$ or US-5630015-\$ or US-6377637-\$ or US-5319736-\$ or US-6363345-\$ or US-5706394-\$ or US-5727072-\$ or US-6826528-\$). did. or (EP-789476-\$).did. or (CA-2112278-\$ or GB-2341299-\$). did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2005/03/04 12:03

S90	68	S89 and (noise with suppression)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:03
S91	68	S90 and speech	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:04
S92	11	S91 and canceller	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:05
S93	6	S92 and adaptive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:05
S94	5	S92 and (adaptive with canceller)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:06
S95	9842	adaptive with (noise or cancell\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:06
S96	8944	S95 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:06
S97	719	S96 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:06
S10 1	0	"adaptive cancell\$4" and "voice activity"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:08
S10 2	1	"adaptive canceller" and "voice activity"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:08

S10 3	94	"adaptive canceller"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:08
S10 4	4	S103 and (car or auotmobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:09
S10 5	7	S103 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:19
S10 6	45091	"delay line"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:19
S10 7	297	S106 and "noise suppression"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:19
S10 8	9	S107 and (car and automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:25
S10 9	744	"voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:25
S11 0	21	S109 and "delay line"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:26
S11 1	7	S110 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:34
S11 2	45091	"delay line"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:34

S11 3	887	S112 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:34
S11 4	580	S113 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:34
S11 5	101	S114 and suppression	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:35
S11 6	366	S114 and (attenuat\$4 or suppress\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:35
S11 7	45091	"delay line"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:36
S11 8	21	S117 and "voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 13:07
S11 9	6	S118 and (car or auotmobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:38
S12 0	7	S118 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/04 12:38
S12 1	4	((("5434922") or ("5615270")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/05 06:48
S12 2	21	"adaptive noise cancellation" and ("voice activity detector" or vad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:11

S12 3	6	"adaptive noise cancellation" with ("voice activity detector" or vad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:11
S12 4	9	"adaptive noise cancellation" same ("voice activity detector" or vad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:16
S12 5	9	(US-20030091182-\$ or US-20030228023-\$ or US-20030069727-\$ or US-20030108214-\$ or US-20030053618-\$ or US-20030179888-\$).did. or (US-6526139-\$ or US-6526140-\$ or US-6522746-\$).did.	US-PGPUB; USPAT	OR	ON	2005/03/05 07:11
S12 6	0	("adaptive noise canceller" or "adaptive noise canceler") same ("voice activity detector" or vad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:16
S12 7	1	("adaptive noise canceller" or "adaptive noise canceler") and ("voice activity detector" or vad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:17
S12 8	33	("adaptive noise") and cancel\$6 and ("voice activity detector" or vad)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:22
S12 9	17	("adaptive noise") and cancel\$6 and ("voice activity detector" or vad) not echo	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:28
S13 0	9	vad and anc	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:30
S13 1	7	(vad) same (anc)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:37

S13 2	165	vad and (automobile and vehicle or car)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:37
S13 3	464	anc and (car or automobile or vehicle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:38
S13 4	5	S132 and S133	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:39
S13 5	5	S134 and (car or automobile or vehicle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:39
S13 6	2135826	(car or automobile or vehicle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:42
S13 7	19	S136 and "adaptive noise canceller"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 08:02
S13 8	0	S137 and "voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:42
S13 9	0	S137 and vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 07:42
S14 0	2	"20020193130"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 09:41
S14 1	2135826	(car or vehicle or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 09:41

Art Unit: 2654

Google Search:

Enhancement and compression of noisy speech

Enhancement of noisy speech for compression and transmission

Gain calculator and gain coefficients

Linear transfer function noise

Multi channel noise suppression wiener

Multi channel noise suppression vehicle patent

Noise suppression automobile car patent

Noise suppression cabin patent

Spectrum modification techniques

Suppression of acoustic noise in speech

Two channel noise suppression in car patent

Two channel noise suppression in car

S14 2	2348	S141 and (noise with suppression)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 09:42
S14 3	3138	S141 and (noise with (suppression or removal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 09:43
S14 6	5	S143 and "spectrum modification"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 09:43
S14 7	13309	S141 and (noise with (suppression or removal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 09:44
S14 8	0	S147 and "spectrum modification"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 09:44
S14 9	5	S147 and "spectrum modification"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 09:54
S15 0	29	S141 and ("spectrum subtraction" or "weiner filter")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 09:54
S15 1	29	S141 and ("spectrum subtraction" or "weiner filter")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 09:55
S15 2	29	S141 and ("spectrum subtraction" or "weiner filter" or "wiener filter")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 09:56
S15 3	2135826	(car or automobile or vehicle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 11:25

S15 4	0	S153 and ("mutichannel noise suppression")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 11:26
S15 5	0	S153 and ("multichannel noise suppression")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 11:26
S15 6	0	S153 and ("multi-channel noise suppression")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/05 11:26
S15 7	8	S153 and ("multi-channel noise")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 06:37
S15 8	2	("5917919").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 07:56
S15 9	1149	"least mean square" and normalized	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 07:57
S16 0	994	S159 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 07:57
S16 1	253	S160 and suppression	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 07:57
S16 2	40	S161 and vehicle	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 08:47

S16 3	40	(US-20030223461-\$ or US-20030223407-\$ or US-20020075815-\$ or US-20020141601-\$ or US-20040170271-\$ or US-20010055985-\$).did. or (US-6301357-\$ or US-6441786-\$ or US-5251263-\$ or US-5816122-\$ or US-6092058-\$ or US-6674865-\$ or US-5574725-\$ or US-5673257-\$ or US-5471470-\$ or US-5452289-\$ or US-6507653-\$ or US-5600649-\$ or US-6549629-\$ or US-6570985-\$ or US-6185300-\$ or US-5559793-\$ or US-5796819-\$ or US-5475731-\$ or US-5650954-\$ or US-5764627-\$ or US-5577041-\$ or US-6148078-\$ or US-6160886-\$ or US-6850783-\$ or US-6163608-\$ or US-5673268-\$). did. or (US-6408978-\$ or US-5734715-\$ or US-6549858-\$ or US-6721293-\$ or US-5500859-\$ or US-5592586-\$ or US-5617423-\$ or US-5790532-\$).did.	US-PGPUB; USPAT	OR	ON	2005/03/07 07:58
S16 4	3	"signal separation" and "vad"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 08:48
S16 5	0	"signal separation" and "voice activity detect\$4"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 08:48
S16 6	0	signal with separation and "voice activity detect\$4"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 08:49
S16 7	0	(signal with separation) and "voice activity detect\$4"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 08:49
S16 8	744	"voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 08:49
S16 9	607	S168 and "noise"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 08:49

S17 0	191	S169 and suppression	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 11:06
S18 1	191	S170	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 12:06
S18 2	2	("20020152066").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 11:19
S18 3	12	"non active time periods"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 11:20
S18 4	12	"non-active time periods"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 11:20
S18 5	123	"non-active" same "time periods"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 11:21
S18 6	21	S185 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 11:25
S19 1	5	S181 and ("non-voice" with activity)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 12:08
S19 2	744	"voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 12:08
S19 3	493	S192 and detect	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 12:08

S19 4	411	S193 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 12:09
S19 5	113	S194 and (car or automobile or vehicle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 12:17
S19 6	113	S195 and "voice activity"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 12:26
S19 7	2	("20020152066").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 13:28
S19 8	0	"adaptive voice canceller" and "voice activity detect"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:28
S19 9	0	"voice canceller" and "voice activity detect"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:28
S20 0	0	"voice canceller" and "voice activity detect\$4"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:29
S20 1	0	"adaptive voice canceller" and "voice activity detect\$4"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:29
S20 2	0	"adaptive voice canceller"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:29
S20 3	107	"adaptive noise canceller"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:31

S20 4	1	S203 and (vad or "voice activity detector")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:30
S20 5	1	S203 and vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:31
S20 6	2042	anc	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:31
S20 7	369	S206 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:31
S20 8	9	S207 and vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:43
S20 9	94	"adaptive canceller"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:44
S21 0	107	"adaptive noise canceller"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:44
S21 1	1	S210 and vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:44
S21 2	0	S210 same "voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:44
S21 3	1	S210 and "voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:45

S21 4	1	S210 and vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:45
S21 5	442	"noise canceler"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:45
S21 6	77	"adaptive noise canceler"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:45
S21 8	0	S216 and "voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:46
S21 9	0	S216 and vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/07 13:46
S22 0	1	"adaptive canceler" and "voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:15
S22 1	1	"adaptive canceller" and "voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:15
S22 2	0	"adaptive noise canceler" and "voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:15
S22 3	0	"adaptive canceler" and "vad"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:16
S22 4	77	"adaptive noise canceler"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:16

S22 5	0	S224 and vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:16
S22 6	1	S224 and "voice detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:16
S22 7	51	S224 and "detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:16
S22 8	1	S224 and (speech with detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:17
S22 9	0	S224 and ("desired signal" with detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:17
S23 0	51	S224 and (detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:17
S23 1	0	S224 with (detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:17
S23 2	0	S224 with "detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:17
S23 3	28	S224 same "detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:17
S23 4	28	S233 and receive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:20

S23 6	746	"voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:21
S23 7	0	S236 and "adaptive noise canceler"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:21
S23 8	16	S236 and anc	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:24
S23 9	0	S236 with anc	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:24
S24 0	22	anc with receive with signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:25
S24 1	0	anc with receive with vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:26
S24 2	0	anc with receive with detector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:26
S24 3	117	vad with receive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:49
S24 4	49	"adaptive noise canceler" and (send or transmit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:50
S24 5	0	S244 and vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:50

S24 6	0	S244 and ("voice activity detector")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:50
S24 7	0	"adaptive noise canceler" with (send or transmit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:51
S24 8	77	"adaptive noise canceler"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:51
S24 9	2114	"adaptive noise canceler" or anc	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:51
S25 0	441	S249 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:52
S25 1	34	"adaptive canceler" and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:52
S25 2	44	"adaptive canceler"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:52
S25 3	94	"adaptive canceller"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:52
S25 4	137	"adaptive canceler" or "adaptive canceller"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 05:54
S25 5	2	S254 and (vad or "voice detector" or "speech detector")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 06:12

S25 6	2	("5917919").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/08 06:14
S25 7	5757	"signal separation"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 06:14
S25 8	130	S257 and multichannel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 06:15
S25 9	84	S257 and multichannel and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 06:17
S26 0	45107	separation with signal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 06:17
S26 1	1005	S260 and multichannel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 06:18
S26 2	616	S261 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/08 06:40
S26 3	2	("5917919").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/08 09:38
S26 4	2	("5917919").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/08 11:43
S26 5	2	("10076963").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/08 12:27

S26 7	4482	linear with "transfer function"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 06:28
S26 8	728206	automobile or car	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 06:28
S26 9	241	S267 and S268	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 06:29
S27 0	162	S269 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 07:43
S27 1	2	("20030040908").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/09 07:57
S27 2	0	"noise suppression unit"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 07:57
S27 3	840	"noise suppression" with (block or unit)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 07:58
S27 4	89	S273 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 08:43
S27 5	26	"5943429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 09:00
S27 6	2	("5943429").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/09 09:10

S27 7	2	("6453285").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/09 09:23
S27 8	26	((("5276765") or ("5579435") or ("5617508") or ("5774847") or ("5819217") or ("5943429") or ("6122610") or ("6154721") or ("6160886") or ("6275798") or ("6324502") or ("6366880") or ("6377918")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/09 09:38
S27 9	2	"gain calculator" and "spectrum estimator" and (gain same coefficients)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 09:39
S28 0	2	"gain calculator" and "spectrum estimator" and "gain coefficients"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 09:40
S28 1	2	"gain calculator" and "spectrum estimator" and "coefficients"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 09:40
S28 2	2	"gain calculator" and "spectrum estimator"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 09:40
S28 3	318	"gain calculator"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 09:40
S28 4	0	"gain calculator" and coefficients	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 09:40
S28 5	148	"gain calculator" and coefficients	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 09:40
S28 6	70	S285 and spectrum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 09:41

S28 7	70	S285 and spectrum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 09:41
S28 8	64	S287 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 13:42
S28 9	1472	"residual noise"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 13:42
S29 0	141	S289 and (car or automobile)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/09 13:42
S29 1	10	S290 and "activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 05:19
S29 2	2	("20030040908").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 05:32
S29 3	2	("6415253").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 05:33
S29 4	2	("5706394").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 05:36
S29 5	1	"residual noise suppressor" and "voice activity detector"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 05:36
S29 6	1	"residual noise suppressor" and vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 05:36

S29 7	1	"residual noise suppressor"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 05:36
S29 8	23	"residual noise" and vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 05:37
S29 9	0	"residual noise" same vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 05:37
S30 0	0	"residual noise" with vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 05:37
S30 1	23	"residual noise" and vad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 06:28
S30 2	2	("20030040908").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/10 06:53
S30 3	0	"adaptive cancel" same (linear and "transfer function")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 06:54
S30 4	0	"adaptive cancel" and (linear and "transfer function")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 06:54
S30 5	0	"adaptive cancel\$4" and (linear and "transfer function")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 06:55
S30 6	804	"adaptive filter" and (linear and "transfer function")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 06:55

S30 7	249	"adaptive filter" and (linear same "transfer function")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 06:55
S30 8	198	S307 and noise	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/10 06:56
S30 9	2	("20030040908").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/11 06:43